sequencelisting2.ST25.txt SEQUENCE LISTING

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SAMSON, Michel PARMENTIER, Marc VASSART, Gilbert LIBERT, Frederick <120> Methods for Identifying Compounds which Bind the Active CCR5 Chemokine Receptor <130> 9409/2023C <140> 09/939,226 <141> 2001-08-24 US 08/833,752 <150> <151> 1997-04-09 <150> US 09/626,939 <151> 2000-07-27 <150> US 08/810,028 1997-03-04 <151> <160> 18 <170> PatentIn version 3.1 <210> 792 <211> <212> DNA <213> Homo sapiens <400> gaattccccc aacagagcca agctctccat ctaqtqqaca qqqaaqctaq caqcaaacct 60 tcccttcact acaaaacttc attgcttggc caaaaagaga gttaattcaa tgtagacatc 120 tatgtaggca attaaaaacc tattgatgta taaaacagtt tgcattcatg gagggcaact 180 aaatacattc taggacttta taaaagatca ctttttattt atgcacaggg tggaacaaga 240 tggattatca agtgtcaagt ccaatctatg acatcaatta ttatacatcg gagccctgcc 300 aaaaaatcaa tgtgaagcaa atcgcagccc gcctcctgcc tccgctctac tcactggtgt 360 tcatctttgg ttttgtgggc aacatgctgg tcatcctcat cctgataaac tgcaaaaggc 420 tgaagagcat gactgacatc tacctgctca acctggccat ctctgacctg tttttccttc 480 540 ttactgtccc cttctgggct cactatgctg ccgcccaqtg ggactttgga aatacaatgt gtcaactctt gacagggctc tattttatag gcttcttctc tggaatcttc ttcatcatcc 600 660 tcctgacaat cgataggtac ctggctgtcg tccatgctgt gtttgcttta aaagccagga cggtcacctt tggggtggtg acaagtgtga tcacttgggt ggtggctgtg tttgcgtctc 720 tcccaggaat catctttacc agatctcaaa aagaaggtct tcattacacc tgcagctctc 780 attttccata ca 792

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Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met 50 60
Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu 65 70 75 80
Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe 85 90 95
Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe 100 \hspace{1cm} 105 \hspace{1cm} 110
Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu 115 120 125
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Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr 275 280 285

His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val Gly Glu Lys Phe 290 295 300

Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His Ile Ala Lys Arg Phe 305 310 315 320

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Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe 85 90 95

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Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe 130 140

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Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr 165 170 175

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Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn Met Leu Val Val 50 55 60

Leu Ile Leu Ile Asn Cys Lys Lys Leu Lys Cys Leu Thr Asp Ile Tyr 65 70 . 75 80

Leu Leu Asn Leu Ala Ile Ser Asp Leu Leu Phe Ile Ile Thr Leu Pro 85 90 95

Leu Trp Ala His Ser Ala Ala Asn Glu Trp Val Phe Gly Asn Ala Met Page 7 Cys Lys Leu Phe Thr Gly Leu Tyr His Ile Gly Tyr Phe Gly Gly Ile 115 120 125 Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu Ala Ile Val His 130 140 Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr 145 150 155 160 Ser Val Ile Thr Trp Leu Val Ala Val Phe Ala Ser Val Pro Gly Ile 165 170 175 Ile Phe Thr Lys Cys Gln Lys Glu Asp Ser Val Tyr Val Cys Gly Pro 180 185 190 Tyr Phe Pro Arg Gly Trp Asn Asn Phe His Thr Ile Met Arg Asn Ile Leu Gly Leu Val Leu Pro Leu Leu Ile Met Val Ile Cys Tyr Ser Gly 210 215 220 Ile Leu Lys Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg Val Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp 245 250 255 Thr Pro Tyr Asn Ile Val Ile Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Ser Asn Cys Glu Ser Thr Ser Gln Leu Asp Gln Ala Ile Gln 275 280 285 Val Thr Glu Thr Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile 290 295 300 Tyr Ala Phe Val Gly Glu Lys Phe Arg Arg Tyr Ile Ser Val Phe Phe 305 310 315 320 Arg Lys His Ile Xaa Xaa Xaa Phe Cys Lys Gln Cys Pro Val Phe Tyr 325 330 335 Arg Glu Thr Val Asp Gly Val Thr Ser Thr Asn Thr Pro Ser Thr Gly 340 350

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Arg Thr Val Thr Phe Gly Val Ile Thr Ser Ile Val Thr Trp Gly Ile 145 150 155 160

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Cys Glu Gln Ser Arg His Leu Asp Leu Ala Val Gln Val Thr Glu Val 275 280 285

Ile Ala Tyr Thr His Cys Cys Val Asn Glu Val Ile Tyr Ala Phe Val 290 295 300

Gly Glu Arg Phe Arg Lys Tyr Ile Arg Gln Leu Glu His Arg Arg Val 305 310 315 320

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Val Glu Val Phe Gly Leu Ile Gly Asn Ser Val Val Leu Val Leu 50 55 60

Phe Lys Tyr Lys Arg Ile Arg Ser Met Thr Asp Val Tyr Leu Leu Asn 65 70 75 80

Leu Ala Ile Ser Asp Leu Leu Phe Val Phe Ser Leu Pro Phe Trp Gly 85 90 95 Tyr Tyr Ala Ala Asp Gln Trp Val Phe Gly Leu Gly Ile Cys Lys Met 100 105 110 Ile Ser Trp Met Tyr Leu Val Gly Phe Tyr Ser Gly Ile Phe Phe Val 115 120 125 Met Ile Met Ser Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Glu 130 135 140 Xaa Xaa Xaa Ala Arg Thr Ile Ile Tyr Gly Val Ile Thr Ser Leu Ala 145 150 155 160 Thr Trp Ser Val Ala Val Phe Ala Ser Leu Pro Gly Phe Ile Phe Ser 165 170 175 Thr Cys Tyr Thr Glu Arg Asn His Thr Tyr Cys Lys Thr Lys Tyr Ser 180 185 190 Leu Asn Ser Thr Thr Trp Lys Val Leu Ser Ser Leu Glu Ile Asn Ile 195 200 205 Leu Gly Leu Val Ile Pro Leu Gly Ile Met Leu Phe Cys Tyr Ser Met 210 225 220 Ile Ile Arg Thr Leu Gln His Cys Lys Asn Glu Lys Lys Asn Lys Ala 225 230 235 240 Val Lys Met Ile Phe Ala Val Val Leu Phe Leu Gly Phe Trp Thr 245 250 255 Pro Tyr Asn Ile Val Leu Phe Leu Glu Thr Leu Val Glu Leu Glu Val 260 265 270 Ile Gln Asp Cys Thr Phe Glu Arg Tyr Leu Asp Tyr Ala Ile Gln Ala 275 280 285 Thr Glu Thr Leu Ala Phe Val His Cys Cys Leu Asn Pro Ile Ile Tyr 290 295 300 Phe Phe Leu Gly Glu Lys Phe Arg Lys Tyr Ile Ile Gln Leu Phe Lys 305 310 315 Xaa Xaa Xaa Gly Leu Phe Val Ile Cys Gln Tyr Cys Gly Leu Leu Gln 325 330 335 Page 13

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Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn 35 40 45

Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met 50 60

Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu 65 70 75 80

Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe 85 90 95

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Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr 165 170 175

Thr Cys Ser Ser His Phe Pro Tyr Ile Lys Asp Ser His Leu Gly Ala 180 185 190

Gly Pro Ala Ala Cys His Gly His Leu Leu Gly Asn Pro Lys 195 200 205

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